

Tyler Junior College News

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TYLER JUNIOR COLLEGE, TYLER, TEXAS

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6 PAGES



Campus Choice

Homecoming queen Debbie Kirkland of Tyler representing Alpha Delta Sigma and Alpha Tau Alpha poses with escort Michael Russell. Her court is first runnerup Donna Dawsey of Rockwall, Alpha Tau Omega; second, Kim Rozell of Dallas, Zeta Phi Omega; third, Joyce Hall of Beaumont, Baptist Student Union; and fourth, Kitsy Ayers of Hughes Springs, Dental Hygiene.

(Staff photo by Carey Wilson)

Microwave oven, typesetter latest electronic devices

A microwave oven and phototypesetter are the latest educational electronic additions to the college.

The microwave oven in the home economics redecorated kitchen laboratory allows students to compare the faster cooking method with the traditional oven method, according to chairman Mrs. Blanche Gibson.

The compugraphic executive phototypesetting machine allows Charles Sowders' graphics communications students to set type for college printing.

To get experience as well as help the college, his students mass produce forms, faculty directories and technology placement catalogues.

Other electronic equipment on campus includes the business office's Xerox 7000 machine, audio-visual aids in Vaughn Library, physics machines in the physics laboratory and the new IBM 370 model, 125 computer in the technology department.

The home economics department's new microwave oven can cook "almost anything, but cannot brown foods," Mrs. Gibson said.

The oven cooks through friction rather than external heat. The process agitates cells and causes heat within the food.

It can cook a potato in four minutes and a pot roast in 25 minutes.

Mrs. Gibson predicted microwave ovens would never replace

conventional ovens.

"They are best for a small number of people. They don't save that much time in cooking in quantity," Mrs. Gibson said.

Sowders says his photo-typesetter records "as fast as the words are typed."

The machine can center columns, justify type and typeset multi-column body copy. It has a one-line memory.

To make copy for printing, the original must be typed and reviewed. The operator makes corrections by cancelling a character, a word, or an entire line. After the line is typed correctly, it is automatically justified and recorded in the one-line memory.

Different type sizes and styles are selected from a sheet inserted around the drum of the machine.

When copy is set, the operator puts the drum in a copy processor. The processor develops the printed matter through the chemical processes used in developing photographs.

For smaller printing jobs like tests and class notes, the Xerox machine prints one copy a second, according to Miss Kathy Phillips of the business office.

It can also sort from three to 20 copies as it reproduces them.

Operating the copier requires loading the machine with special Xerox paper and a toner that looks like gun powder. The toner acts like ink in transferring the print from the original to the copy pa-

per.

The copy to be printed is placed face down over a slightly curved glass. A rubber mat covers the copy during printing. When the "print" button is pushed, a bluish-green light comes on and the lens projects the writing to the drum. The drum then passes over a heat mechanism to make the print permanent. The printing process takes only one second.

The Xerox 7000 will print legal or regular-sized paper. By adjusting the paper scale and pushing a button the machine will automatically compress the legal size copy and print it on a standard sheet.

Miss Phillips said it takes "about 10 to 15 minutes to run 1000 copies." She averages 15,000 copies a day.

While students daily see printed products of electronic machines, they are probably more familiar with the electronic equipment in Vaughn Library.

Individualized instruction is a major advantage of these electronic aids, according to George Aiken, learning resources technician.

"We have equipment to duplicate and produce our own audio tapes," Aiken explained, and "equipment to record visual and audio combinations."

The dial access system pro-

SEE MICROWAVE

(CONT. PAGE 3)

Math instructor adds 1 dimension to lifestyle

By DON WOODWARD

While it's customary to live in a two dimensional world, math instructor Jerry Joyner likes a three dimensional world.

On land, some people determine the direction they go by two dimensions. To go northeast is two dimensions.

Joyner determines the height at which he travels--a third dimension--through flying.

He usually flies a Beech Sport but he has flown a Cessna 150. Both are small single-engined planes.

Weather conditions, location, type of plane, and the pilot's feelings dictate the flight plan. Joyner has flown up to 9,000 feet. The Federal Aviation Administration will allow him to go as low as 500 feet without landing in an unpopulated area.

Usually the higher he flies the smoother he rides because of heat reflection currents close to land.

He can avoid some bad weather by flying over it.

Like Joyner, those who regularly enter the third dimension reap rewards:

- Fuel mileage of a small engine plane compares favorably with a car--about 15 to 18 miles per gallon.

- Flying, Joyner has found, is the way to get somewhere in a hurry because there are no speed limits. Going over 100 miles per hour is not unusual. It takes Joyner about eight hours to drive by car to Jackson, Miss. When he flies it takes him less than three hours.

- Time is money for businessmen. Joyner points out that

by plane businessmen can make five appointments in the time it takes to drive to two.

Of approximately 13,000 airports in this country airlines service only 600 airports. So persons who can fly by private means can cover a much greater area at a much greater speed.

To the accusations that aviation is a dangerous thing, Joyner says "it's a safe, effective means of traveling if you can afford it."

While flying lessons would spook most people at any time, Joyner took his first lesson last Halloween. He received his private license last March.

The third dimension is selective.

Joyner estimates there are "700,000 licensed pilots in this country of about 200 million people."

That is seven pilots out of every two thousand people "mathematically speaking," Joyner says.

He is more relaxed as a pilot than as a passenger.

He reasons, "the mind cannot wander because flying a plane is not as easy as driving an automobile."

Before going up Joyner looks through his checklist of things to do. He makes sure:

- Controls are not stuck.
- Carburetor heater works.
- Gas and oil are visually checked.

- Radio controls, engines, magnetos and everything is in order.

Because there are no fuel stations in the third dimension Joyner says "you do not assume."

Planes used for instruction or charter go through inspection

every 100 hours of flight. And all planes must go through an annual inspection.

Since the third dimension lacks road signs, pilots must have other ways of finding their way around.

Pilotage calls for the air traveler to plot landmarks on a map and follow them.

Radio navigation can be

achieved by talking to the fixed base stations or by listening for the town of a local radio station.

Computers are available in the vicinity of \$12,000 which create their own tracking stations.

Joyner's less sophisticated way to tell where he is is by looking at a town's water tower.

Not all pilots are equal in the third dimension. As on earth, there are different classes of pi-

lots.

Student, private and commercial or instrument rated are a few of the different licenses. There are also licenses for flight instructors, airline transport pilots, instrument instructors and pilots of multi-engined planes.

Joyner explains, "Pilots are rated to the planes they fly and are checked by the FAA."

He is seeking an advanced rating with the prospect of enjoying the benefits a commercial or instrument rating offers.

The idea of being a flight instructor is one of his dreams.

Joyner can testify to humor in the third dimension.

He once ended up in Houston when he was headed for Waco.

Even though he lost his signal from the radio he was using for location he was not worried on "such a beautiful day."

"Here's Waco," were Joyner's words preceding the discovery of a ship channel.

Realizing his situation, Joyner was guided into Hobby Airport after letting the nearest radio tower know a student pilot was lost.

There he was in Houston. He had \$5 and a Gulf credit card.

To the rescue--David J. Roessler.

Roessler, a local instructor, signed Joyner's log book, charted the path back to Tyler, gave him room and board and took him to Happy Hour.

The story ended happily with Joyner making it back in about two hours.

Advice from Joyner when entering the third dimension:

"Fly your compass heading and avoid the fear of an unmarked water tower or an unsympathetic flight instructor."



Soaring to new heights

Math instructor Jerry Joyner gives TJC News reporter Don Woodward a chance to see what flying is all about. Joyner, who has a private license, started flying lessons last Halloween. He gave Woodward his first plane ride in a Beech Sport and showed him the controls of the more complex Sundown. (Staff photo by Bob Smith)

Opinions

Kissinger usurps executive power

Though foreign-born Kissinger is legally blocked from the presidency, he can dictate executive policy without the responsibility of the oval office.

Ford's recent cabinet shakeup had Kissinger's fingerprints all over it.

Ford's firing of Defense Secretary James Schlesinger ended the balancing element to Kissinger's program of appeasement to the Russians on U. S. defense preparedness.

According to a news story copyrighted by the Chicago Daily News, disagreements between Kissinger and Schlesinger are thought to be reasons for Schlesinger's firing. Kissinger and Schlesinger hold different views on military spending, strategic arms limitation and Kissinger's Santa Claus policy on Russian detente.

Schlesinger was an advocate of a strong defense and was instrumental in checking moves to cut defense expenditures.

Regarding strategic arms limitations, Schlesinger was unwilling to get entrapped in any agreement that might hinder U. S. supremacy in the nuclear weapons race.

Kissinger's approach to Russian detente has been profitable for the Russians--by way of grain deals and possible arms limitation--but has been nothing more than disappointment for the United States.

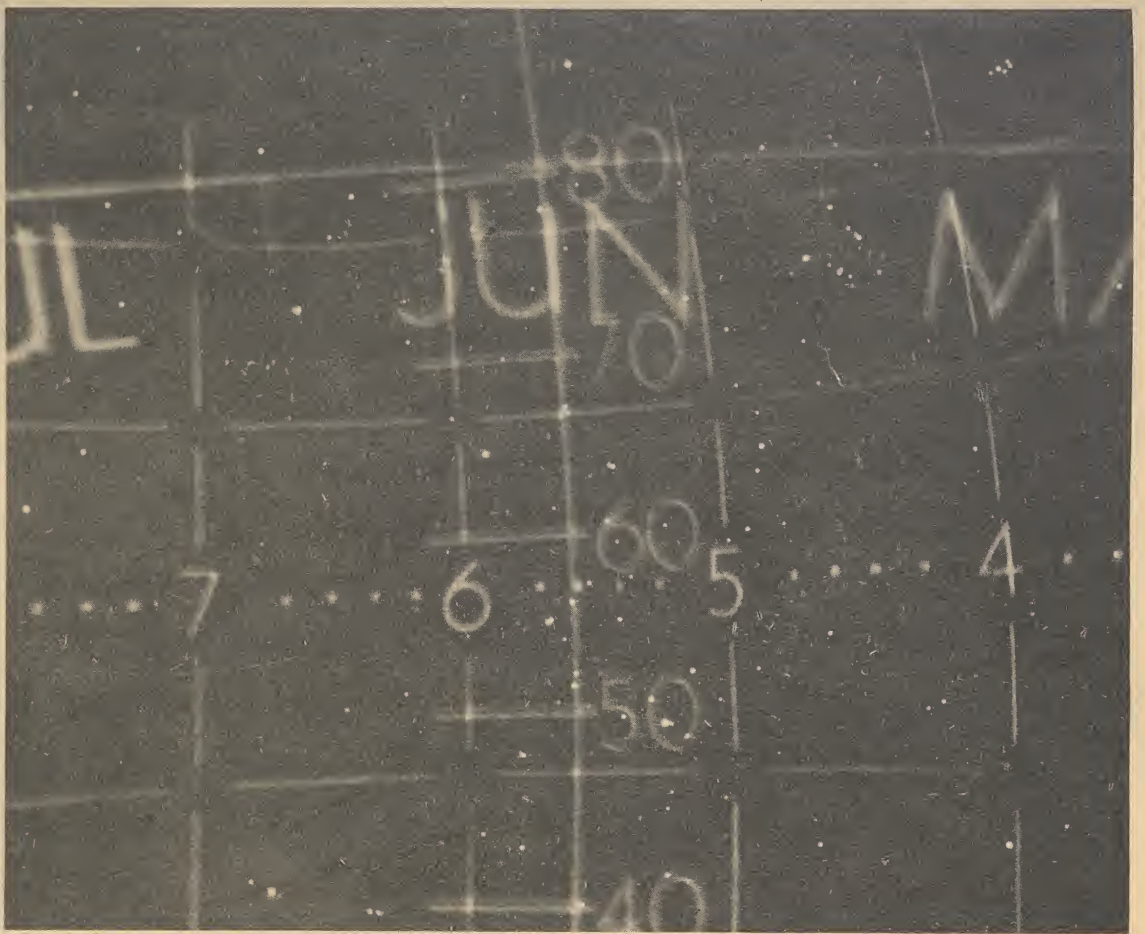
For example, U. S. farm prices go up at the mere mention of Russian involvement.

According to the Aug. 18 issue of U. S. News and World Report, within a month after news broke of Russian intentions to buy U. S. grain, market speculators raised Kansas City wheat from \$2.20 to \$4.05 per bushel. Corn sold in Chicago rose 42 cents to \$3.17 per bushel.

To satisfy a man with these give-away detente policies, Ford has dumped men of proven capabilities. He replaced them with men untested for their new jobs.

Ford should stay in control of "his" team. Though Kissinger is instrumental to Ford's foreign policy, his importance should not be overrated.

If Ford's team is indeed "his" team, why is Kissinger calling the plays?



Flashback

This coordinate system flashed on Hudnall Planetarium's domed ceiling shows how the sky will appear Nov. 24 on the planetarium's 12th birthday. The pattern of lines in the simulated sky enables the planetarium visitor to refer

to the position to locate celestial objects. The constellation Taurus, top right, will be visible. Staff photographer James Coley used a five-minute exposure in this low-light setting.

(Staff photo)

Future computer to talk back

By MELISSA EMBRY

The computer of the future will answer questions in words instead of giving a printed readout, believes James Coley, a computer major who wants to be a computer programmer.

Some computers now are programmed to talk with a voice similar to that of people who have had throat operations and speak with a buzzer.

A computer defines words by

their sounds. Teaching one to talk will mean giving it a definition of each sound in the words it must use. To answer, it will translate from its unwritten printout.

No voice is programmed into computers. They are not meant to sound like people, Coley explained.

Fears that computers will put people out of jobs are not completely justified. "A computer cannot do a thinking job. Although it can replace many people doing mechanical calculations, it must follow the instructions and work with the information the programmer gives," the Tyler sophomore said.

For example, the audio-visual system is a type of computer system that can be programmed to do certain tasks now done by an instructor. But Coley doubts that such a system could ever replace a teacher.

Presently a computer can be programmed to turn on film and can be tied into television to show learning programs. In the future students may be assigned to watch such programs at school or in their homes. They will then meet once a week with a teacher to discuss what they have seen instead of attending a lecture three times a week.

Examples of current use of computer-directed TV are TJC's learning programs in history and Spanish.

Coley owes his background in computers to his father, who works for International Business Machines (IBM) and can program or repair computers. Coley himself likes working with machines.

While operating computers is fairly simple, programming is more difficult. The person who gives a computer its orders uses four different languages. To learn these is equivalent to learning a foreign language.

Each character in a programming language has a use. After learning the four languages, the person must write the programs necessary to make the machine calculate. A complete program is necessary for each operation the computer performs.

"What may take a computer a minute to calculate takes a good programmer about 30 minutes to program," Coley said.

Almost all computers have a built-in file in which anything read into it can be stored for future readout. New cathode ray tubes (CRTs) print information on a screen, erase the top and print new information at the bottom as it moves up. CRTs also store everything that comes over the tube.

More sophisticated computers have made computer crime--the theft and misuse of stored information--less likely, Coley said.

Access to computers is limited. In a company, a computer room is locked and only the 10 to 15 persons working in data processing are allowed in it. This lessens possibilities for crime.

Coley wants to go into either hospital programming or accounting programming. Nearly all larger companies have programs that will run with figures to keep books. Accountants must check these figures.

Thanksgiving has dual meaning

By STEVEN KNOWLES

Americans still celebrate Thanksgiving with a combination of pagan and Christian holiday observances.



To the Reader:

Because of limited space, the TJC News accepts letters only from students and college employees.

Letters are printed as they come to the editor's desk. The only editing is deletion of potentially libelous statements and what the staff considers crude language.

Polls show letters are the most widely read of all the contents. Readers may bring or send their letters to the journalism laboratory in P204 for publication. Editors require authors to sign their names and give their addresses and phone numbers.

Editors,
Brenda Richardson
Gary Fendler

Thanksgiving is a day for family reunions, church services, football and turkey dinners.

The traditional American Thanksgiving began at Gov. Bradford's colony in 1621 with a three-day harvest celebration after a long winter of starvation.

About 90 Indian men and their king, Nassetsoit, feasted with the colonists that year. Another feast followed the next year. By the American Revolution the custom had spread through New England and the Middle Colonies.

"Turkey day" can actually be traced back to ancient Chaldea, Egypt and Greece. The practice of giving thanks for the earth's fruits is one of the oldest customs.

Those civilizations celebrated the harvest with rejoicing, usually on certain days of the year. Later Romans recognized the harvest goddess Ceres, borrowed from the Greek Dionysian fertility festivals.

When the Romans withdrew from Britain, they left their laws and customs. The Britons carried on the holiday called Cerelia which included parading a maiden festooned with grain stalks.

As Rome decayed, Christianity spread, retaining the ancient Hebrew practice of giving special thanks to God after the in-gathering of crops.

Christianity became well established in England, and the "harvest home" day was observed for centuries, keeping many pagan characteristics. The Plymouth Pilgrims and other early New England settlers carried this English custom to the New World.

In 1789 President George Washington proclaimed Nov. 26 a national day of thanksgiving. Thomas Jefferson as president refused to renew the proclamation, saying it smacked of monarchy.

The person responsible for Thanksgiving being a national holiday was a New Hampshire woman, Sarah J. Hale.

After her husband died, the school teacher and poet worked for Ladies Magazine. Beginning in 1837, she was editor of Godey's Ladies Book.

This Philadelphia-based magazine in 1846 had the largest circulation in America. In that year Mrs. Hale began a campaign to make Thanksgiving an official holiday.

Her editorials eventually led 29 states to support the idea.

Thanksgiving had been generally a Northeastern tradition. And Mrs. Hale believed making it a national holiday might help ease the friction between North and South.

In 1863, in the middle of the Civil War, President Lincoln declared a national holiday, the first such proclamation issued. Washington had merely called for a day of giving thanks, not a holiday for working people.

The holiday has been proclaimed each year since 1863.

In the years 1939-1941, President Franklin Roosevelt proclaimed the Thanksgiving holiday for the third Thursday of November. This conflicted with many governors' proclamations. So Congress passed a resolution in 1941 making the last Thursday in November the official date.

Tyler Junior College News

Tyler Junior College News, official newspaper of Tyler Junior College, Tyler, Texas 75701, is published by the journalism classes every Wednesday, except during holidays and examinations.

Letters to the editor must be signed. Phone news tips, stories and ads to 592-6468.

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Entertainment committee

Senate members offer to plan activities

Thirteen members of the Student Senate volunteered to form an entertainment committee to plan more college sponsored activities.

In other business the Senate: --Unanimously approved placing a list of the student activities in the TJC News and having a committee responsible for getting the list to the journalism laboratory.

--Agreed with Freshman President Bart Fair the seating arrangement needs to be less spread out for the meetings.

--Heard Fair's intention to spark freshman activities.

Zeta Phi Omega representative Laura Landers' idea for an entertainment committee met the approval of all Senate members.

Freshman Vice President Randy Price was selected to chair the committee. The committee wasted no time in setting up Saturday's sock hop after the Homecoming game.

English instructor L. A. Barnes pointed out the college will take care of expenses for groups willing to prepare functions for the whole student body.

"It's not enough to say I'd like to do it. You must do it," he challenged them.

Some steps for preparing a dance, according to Barnes, are contracting a band, setting up a platform, telling Vice President Edwin Fowler and publicizing it to the students.

He suggested organizations wanting details on planning events to contact Student Activities Director Mrs. Clare Heaton.

Mrs. Heaton said during this first semester "nobody asked for a dance."

She said bands have offered to play for a dance for \$250.

"Nothing is stopping students from using the Teepee for activities," she said.

Mrs. Heaton expects a "lull" in activities after the Christmas holidays.

Apache Belle representative Barbie Zimmerman suggested planning campus dances on nights when no fraternity dances will conflict.

Donna Bullock of Athens, Harmony and Understanding representative, thinks "sock hops are fun" and pointed out "Henderson County Junior College has them and everybody goes."

Senate President Buddy Holmes asked those on the entertainment committee to consider other responsibilities and "be sure they have the extra time."

He described the committee as the "nucleus" for getting activities planned, although "the Senate will sponsor their own events."

Fair brought up "a lack in communication" on campus and suggested a committee of three to five persons give the newspaper staff a list of events for publication.

TJC publications representative Don Woodward reminded the Senate, "All copy for the paper must be in the Friday before the Wednesday the paper comes out."

Fair and Mrs. Heaton agreed the seating arrangement in the Student Lounge contributed to the Senate's lack of unity.

Fair said, "It's easy for those not close to where the business is to let their minds wander."

After the discussion Holmes told Senate men to "be prepared to move the furniture at the next meeting."

Concerning freshman activities, Fair said he would like to see the freshman class sponsor some events so they could feel more like an independent class.

But Barnes answered, "The only stipulation placed on groups sponsoring events is that they include all TJC students."

Mrs. Heaton added, "Dances are for only TJC students and their dates."

● MICROWAVE

(CONT. FROM PAGE 1)

vides audio instruction for lectures and procedures. "A student can dial an educational tape and listen until he gets the point clear in his mind—even if it requires listening to it 15 times," Aiken said.

Information on the tapes is issued to all students at the same speed and volume. "A student—unless he has a physical handicap—has an equal opportunity to learn the material," Aiken explained.

Audio-visual monitors in the library are equipped for black and white or color film.

Downstairs in the library, the audio-visual-lecture room is equipped with two monitors for either color or black and white

films. Ten to 20 classes per day use the AVL and ITV rooms with about 20-40 students per class.

The physics department exposes students to electronic techniques, according to Gene Branum, physics instructor.

"Most of our physics experiments are of two types," Branum explained. The first type is to confirm theories and relationships through experiments. The second type "finds the physical relationship between two or more physical quantities of nature."

Some of the physics experiments require sophisticated and expensive electronic equipment, according to Branum. "One of our most fascinating experiments is the actual measurement of the ratio of the charge of the electron to its mass." The electronic apparatus necessary to do the ex-

periment controls the bending of a stream of high-speed electrons in a magnetic field.

Another experiment measures the charge of an electron is with an oil drop. Branum said the experiment is "a long and tedious one."

The college has replaced one electronic computer with an updated version, the technology department's new time-saving IBM 370 model, 125 computer.

"The computer lets the instructor teach modern technology to students. And it allows students to get experience and practice dealing with computers," says instructor Millard Harkrider.

A progressive dinner is planned for Nov. 22. Everyone is invited, Heath said. Diners go to different houses eating a separate dish at each place.

The Presbyterian Bible Chair announces no special activities for the Thanksgiving holidays.

Sophomore Kathy Jiles is president of DU Little Sisters

Sophomore Kathy Jiles is president of Delta Upsilon Little Sisters. The Fort Bliss coed is a business administration major.

Other officers are Vice President Susie Brewster of Tyler, Secretary Pam Larner of Tyler, Treasurer Pamela Jones of Dallas, Historian Cathy Freeman of DeSota and Chaplain Shannon Trenckmann of Dallas.

A little sister committee directs the 31 new little sisters and 15 returning members.

The committee includes Chairman Tim Ratcliff, Guy Smith, Doug Hamblin, Mike Gaffney and Pete Schneider.

The DUs welcomed their new little sisters with a champagne party.

The little sisters help the

DUs on service projects, Miss Jiles said.

Nov. 30 deadline to submit medical records

November 30 is the deadline for all students to turn in their health records.

Mrs. Vivian Young, student health director urges every student who hasn't yet done so to get their immunization records to her immediately.

"According to state law," says Mrs. Young, "each student must have diphtheria and tetanus immunization within the past 10 years."

"All students received immunization forms when they pre-

registered for the fall term," explained Mrs. Young.

"Although most of the students promptly completed and returned the form, over 1,000 students still have not submitted medical records to her or the records submitted were outdated," she said.

If a student does not have one

of the immunization forms he can go by Mrs. Young's office, Jenkins 103. She not only supplies the form, but can also notarize it free of charge.

Texas state law requires that all colleges must have on file records of each student's immunization from diphtheria, tetanus and polio.



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Conference room gives registrar more space

Because the consolidation of the evening college has added to

the work load, the registrar's office has spilled over into the Jenkins Hall conference room.

Geology occupies larger quarters in new building

New geology quarters in the Aleck Genecov Science and Art Building provide a better atmosphere for student work, say two science instructors.

Geology instructor Jack Peddy and lab instructor I. C. Sanders agree this extra room is the major improvement over the Potter Hall geology home.

The new lecture room is large with long rows of tiered desks. Seats are comfortable and are easy to get in and out of. Peddy also noted that his office is larger.

Genecov lab has more room than the old lab room. The lab consists of 12 tables with four chairs at each table. There are sinks and cabinets for better rock storage.

The lab also has eight rock shelves—five new and three from the old lab.

"The new catalogue for rock filing will help a great deal in keeping the rocks in order," Sanders said.

The lab also has a larger and better storage room. The store room is where the rock saws, machine polisher, map drawers and rock cabinets are stored.

"The machines can be used better now that there is more room to operate," Sanders said, "and the polishing machine can be used because there is a new water system to run it."

Sanders has 11 classes and is the only lab teacher, but he has 10 student lab assistants divided among the 11 classes.

They are Judith Rockwell of Longview, Sarah Boultinghouse of Owentown, Debra Reed of Terrell, Kim Armstrong of Dallas, and from Tyler Theresa Stephenson, Shanna Massa, Jane Ruby, Janet Clem and Betty Shillcutt.

"The conference room is being used on a temporary basis," said Kenneth Lewis, registrar and dean of admissions. "It is convenient but not imperative we use the room."

Three workshop students from the registrar's office work in the conference room.

"Workshop students mainly take records to and from the IBM processing room," Lewis said, "and also any messages from the registrar's office to instructor boxes."

"Other than these duties workshop students also file papers for personnel in the office," Lewis said.

Working in the registrar's office are three secretaries to the dean of admissions—Mrs. Jane Clemmons, Mrs. Bernadine Heckmann and Mrs. Gloria Marshall. Also in the office are Mrs. Joan Norris, assistant to the dean of admissions, and Mrs. Faye Richardson, assistant in the office of the dean of admissions. Mrs. Kathlyn Neill is assistant registrar.

The registrar's office inherited extra work when the evening college and the day college merged.

Now with the merging of day-evening colleges, the office of admissions takes care of both day and night registration.

In addition to registering all students, personnel in the registrar's office also keep permanent records dating back to 1926 when the college was founded.

They also send five different reports to the Educational Data Center in Austin, Lewis said.

These contain the number of students, what days and what time classes meet, how many classes there are and their titles and other information dealing with the college.

This data center in turn processes this information and from it decides the amount of funds the college will receive, Lewis said.



Singing beauty

Harmony and Understanding member Patrece McLemore practices a solo. The Timpson freshman is a special education major with pre-kindergarten emphasis. The first runner-

up for the Miss Texas title chose TJC because it is a small campus where she can "make more friends."

(Staff photo by Marie Amie)

Texas beauty radiates confidence, talent

By SHARON REED

First runner-up for the Miss Texas title is seriously dedicated to a future career helping children with learning problems.

Patrece McLemore is a special education major. She chose this field when she worked with pre-kindergarten children, ages 3-5, as a senior in Timpson High School.

"I love children," says the 5'7", slender, graceful black, "and I want to help those who need special attention."

Part of Miss McLemore's duties were testing pre-kindergarten children to see if they needed special education.

Miss McLemore's secondary major is music. "Music is my life," she says. She enjoys all music from opera to rock. In special education classes she wants to teach children music appreciation at an early age.

Miss McLemore's first experience with beauty contests was the Miss Timpson pageant. Timpson is her home town and she

won.

She became interested in pageants for the scholarships to help her through college. Her parents, friends and neighbors encouraged her.

"They told me it would be good experience for me if I ever went into the entertainment field," she said.

As runner-up for Miss Texas, Miss McLemore received a \$1,000 scholarship to Texas Wesleyan College and a trip to the National Sweetheart Pageant in Hoopston, Ill., conducted Labor Day weekend for runner-ups of all the states.

The first black to become a finalist in the Miss Texas contest says "the only qualifications for entering a pageant is to be talented and have confidence in yourself."

"It has nothing to do with how much money you have, status or who your parents are. You could even make your own evening gown if you wanted to."

The preliminary pageant of Miss Texas was in Toledo Bend,

La. and lasted two nights. "This preliminary gave me confidence," she says, especially when her counselor encouraged her to enter the Miss Texas Pageant.

She chose TJC because it was closest to home and a small campus where she can find her way around and make more friends.

Miss McLemore is active in Harmony and Understanding and Choir. One of her favorite solo parts is Billy Holiday's song, "God Bless the Child."

Miss McLemore's most embarrassing moment in the Miss Texas Pageant was having to wear her swim suit in front of judges and television cameras.

"Everyone kept asking me how my father would feel, being a minister, seeing me in a swim suit on television," she explained.

Miss McLemore has played piano six years and enjoys sewing, singing, crocheting and her hobby of button collecting.

She is also interested in using her musical ability in the entertainment field.

Sophomore helps nursing home residents

Sophomore Rickey Johnson of Tyler is an example of how the recreation leadership training program serves the community.

Johnson works part time as activity director at Custodial Nursing Home. He helps the elderly residents of the home at the same time he trains for his

career.

"I try to assist residents to re-learn the use of their arthritic hands," Johnson says, "so they may push their own wheel chairs and dress themselves."

Johnson plans and conducts handicrafts. He supervises games of dominoes and checkers and

record-playing.

Johnson works closely with the director of nurses at the home.

Volunteers are always needed, Johnson said.

Interested persons can visit the elderly. Another way to help is to donate prizes for game winners. Prizes may be such items as combs, hair nets, scarves, handkerchiefs and hand cream.

Johnson is working toward a recreational technician license. He is supervised by Walter G. McCormack, head of recreation leadership training.



\$33,500,000 Unclaimed Scholarships

Over \$33,500,000 unclaimed scholarships, grants, aids, and fellowships ranging from \$50 to \$10,000. Current list of these sources researched and compiled as of Sept. 15, 1975.

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Concise resumes are vital for job seekers

By GARY FENDLER

All prospective job seekers--both white collar and blue collar

workers--should start a running resume, says an instructor in business.

"Many students look haphaz-

ardly for a part time or full time job," according to Don Gaiser, instructor in business administration.

Resumes and the first interview are the two most decisive factors an employer will rely on when deciding on job applications.

"Most people don't know how to write a resume correctly," he added. "They tend to put down too much when they need only interest the employer."

"Applicants should also show an interest in the company and be more objective when selecting a job."

Before going for an interview any information a student can get about the company will be helpful. Researching growth, sales and promotional statistics will show an employer the applicant is interested in the company.

Applicants should send resumes to an individual rather than a title. The applicant can call the company and get the interviewer's name.

Gaiser noted four points to

keep in mind when looking for a job:

--availability of jobs in a particular field.

--potential growth in salary.

--depth of interest in the field.

--location.

Factors affecting current and future job markets are economic trend, flow toward technical schools and the drop in the birth rate.

Job openings in technical fields are blossoming, yet not much credibility goes to blue collar workers.

"Not everyone is college material," Gaiser said. "Many white collar workers do not make as much as blue collar workers." Plumbers, electricians and auto mechanics are solid jobs--"nothing to look down on."

Openings in teaching and forestry fields are few, but the health service field is expanding.

Engineers -- electronic,

mechanics or aeronautics--are in big demand, according to Gaiser.

"I also look for the geoscience field to hold opportunities for the present as well as the future. With the current situation and the way prospects look, the need for petroleum engineers will be great," he noted.

Accounting is another field which will yield good jobs. "The demand is big and starting salaries are high," Gaiser added.

Recognizing early which fields provide the best opportunities and training for those is to the students' advantage.

The best student will usually find jobs, yet average students will have difficulty.

"Choosing a career is an important decision. Don't treat it lightly," Gaiser advised. Taking a job which is not completely satisfying will "probably result in a change in jobs. Choose one that will last."

Working facilities better in Genecov biology labs

By NORA SHAWWA

Biology labs in the new Genecov Science and Arts building have larger rooms with spacious working areas, better storage facilities and a badly needed refrigeration unit.

In addition to basic general biology and microbiology, the new building offers separate anatomy and agriculture labs, according to instructor Mrs. Judy Parks.

The working area in the general biology lab has 48 stations for 48 students. Labs in Jenkins Hall took 60.

The apparent decrease did not change lab schedules or increase lab classes, "but filled labs to capacity," Mrs. Parks said. Each student has his own numbered equipment and place to work.

Storage rooms have cabinets instead of shelves for specimens and slides and other necessities for a lab class.

She says the large preparation and store room and equipment arrangement "make things easier to find."

The refrigeration unit in the microbiology lab holds cultures of bacteria specimens, Mrs. Parks explained. "The department needed this unit more than anything else."

Also making the labs more convenient are new tables called modular work tables for four students, chairs instead of stools, more sink areas to clean equipment and larger blackboards.

New microscope illuminators have taken the place of old student desk lamps in the general biology lab. They are much better for saving space on the table and are more efficient, Mrs. Parks said.

Low ceilings allow students to hear presentations better. The lighted ceiling gives better illumination than the old one with only two neon lights.

The microbiology lab has new microscopes with oil emersion lenses.

The store room of the microbiology lab has new cabinets to store beakers, glassware, broth culture media, agriculture media and dyes. They also have sterilizers and ovens.

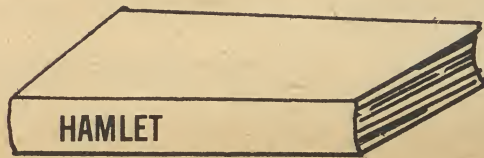
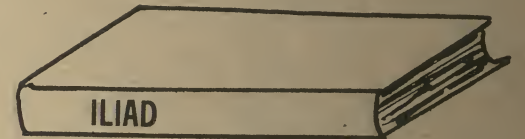
Replacing the one display cabinet in Jenkins Hall are 10 cabinets in each lab. Two new salt aquariums with various kinds of small sea animals will be added in the general biology lab in about

two weeks, Mrs. Parks said.

All lab assistants in the new labs are sophomores with A or B averages. They have work scholarships. They check student lab work and help students work at their own pace on their worksheets.

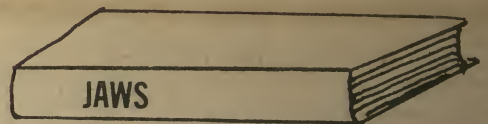
The only complaint about the new labs are no racks to hang coats, no places for books except on the floor and the floor is slick, Mrs. Parks said.

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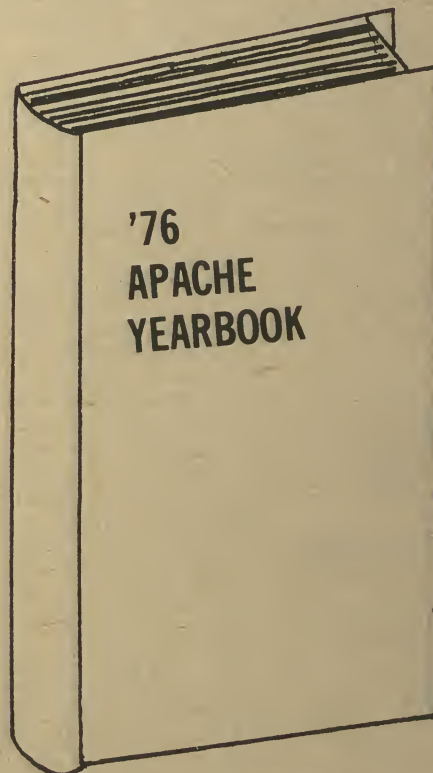


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Conference championship at stake when Apaches meet Kilgore

By MARK GOODSON

A share of the conference championship will be on the line when the Apaches play Kilgore's Rangers in the Nov. 22 season finale.

Game time is 7:30 p.m. in Kilgore.
After the Apaches' 19-14

Homecoming defeat of Henderson County's Cardinals, the Apaches have a 3-2 conference record and a 6-4 season record.

Kilgore's record is 4-1 in conference and 7-3 for the season. The only other team with a mathematical chance of winning part of the Texas Junior College Football Federation title is Navarro Junior College. Navarro's Bulldogs

stand 3-2 before their last game with Henderson County.

Before the Homecoming game Head Coach Billy Wayne Andrews told the Apaches, "Many of your futures may rely on the results of this game and our remaining game with Kilgore."

He continued, "The coaches have done everything we know to get you fired up for the Navarro and Wharton games and it resulted in nothing but insult. So after dropping those two games and still having a possibility of winning the conference, you should show some pride and win this one."

The Tribe's performance--before a Homecoming crowd of 6,000--especially the defense in the crucial half-second--was something for Andrews to be proud of.

Sparked by a tenacious defense led by six quarterback sacks and five interceptions, the Tribe came out of a "backs to the wall" situation to "remain right in the thick of the conference race," Andrews said.

Spearheaded by their fierce pass rush the Apaches more than adequately handled a noted Cardinal pass attack that had previously beaten Kilgore for the Rangers' only conference loss.

The rush dumped the Cardinal quarterback six times for a loss of 44 yards. Leading the rush were defensive linemen Ernest Shields, Andrew English, Doug Kempf, Lynn King and Eldridge Beverly.

Defensive pressure by the line and consistent coverage by the secondary enabled the Apaches to hold off a bombardment of 35 Cardinal passes. The Cardinals completed only 10. Five were intercepted.

Most crucial interception was

by defensive halfback Ernie Tillman with only 1:07 left in the game. Tillman made his second interception of the game to stop the Cardinals' last scoring threat.

Other interceptions came from defensive backs John Hopkins and Tim Jones and middle linebacker Richard Smith.

The Apaches' first score came early in the first on a one-yard plunge by running back Bobby Mitchell. The score followed a 13-play, 63-yard drive of running plays by Mitchell, Alan Strambler and Ricky Burton.

"On the first drive we blocked the way an offensive line is supposed to block," Andrews said. Members of the offensive unit forming the gaping holes were Malcolm Bussey, Wendell Jeffrey, Earl Wilson, Al Alexander and Monty Woodall.

HCJC pulled ahead later in the first quarter on a 13-play, 51-yard touchdown drive and successful extra-point kick.

The Tribe scored in the second quarter when Burton scampered for a 10-yard touchdown pushing the Tribe ahead 12-7 at halftime.

In the second half the Tribe neglected the Cardinal rushing attack to concentrate on defending their passing. A four-yard pass from the Cardinal quarterback connected with speedster Randall Teate for six points and the lead. The extra point put Henderson County ahead 14-12.

The Apache offense came

through when quarterback Larry Hartsfield hit split end Sam Price on a perfect strike and a 60-yard reception for the score. Kicker Jamie Jordan tacked on the conversion and the Apaches carried their final 19-14 lead into the fourth quarter.

ROTC has 2-year plan

The Army ROTC offers a two-year program for junior college graduates.

The program for junior college graduates begins with a six-week paid basic summer camp that requires no military obligation.

The program also allows TJC graduates transferring to a four-year institution offering an ROTC program to enter that program as a junior.

While earning a bachelor's degree, the student works toward a commission as a Second Lieutenant in the Army. The Army pays a tax-free stipend of \$100 per school month during the last two school years. Total financial assistance available to a student enrolled in this program is approximately \$2,800.

Application deadline for basic camp is March 31, 1976.

Honors stack up in Bussey's favor

By TOMMY PLOCHECK

After honors in two positions as a high school football player, Apache center Malcolm Bussey continues to add to his list of accomplishments.



Malcolm Bussey

The 6-1, 230 pound Apache All-Conference center as a freshman is a candidate for All-American honors.

Bussey played for Wilmer-Hutchins High School of Dallas and led the 3-A school to an 11-1 record and a district championship as a senior.

As a high school linebacker and offensive guard, Bussey was All - Zone, All - District, All Greater Dallas and All-Metro. He was also an All-State offensive guard.

The change from high school football to college football was a "big change" for Bussey.

He says "the hitting is a lot harder than it was in high school and the practices are longer." He adds the only secret to being a success at center is to "just get up and go."

Bussey believes the hardest part of playing center is snapping the ball.

"I have to concentrate on snapping the ball and making a good block. If the quarterback does not get the ball, the play is not going to go."

Bussey contends the Apaches have good teamwork but "there is a little room for shaping up."

He has "luckily" never been seriously injured in football, he said.

Bussey came to TJC on a full athletic scholarship. He decided on TJC because it has been his "lifetime dream to play for the Apaches."

Since this is Bussey's last year to play for the Apaches, he is a natural target for senior colleges.

Recruiters are not allowed to talk with Bussey or any other player personally until after Nov. 22. This nationwide rule enables players to concentrate on the football season.

But colleges are allowed to send letters showing their interest in a player. Bussey has received letters from Oklahoma State, Arkansas, Kansas State, Kansas, Southwest Louisiana, Baylor and North Texas State, he said.

With an impressive list of accomplishments, and great ability as a player, Bussey will probably have many colleges to choose from.

Knee injury sidelines starting tackle

By MARK GOODSON

The Apache football team lost a stalwart on the defensive line when tackle David Wells left the Navarro game with a hyper-extended knee.

Wells was the first player the Tribe has lost for the season by injury. He had not previously missed an entire game because of injury.

His injury occurred when his knee was turned or extended in the opposite direction. The hyper-extension resulted in torn ligaments.

Treatment has required cortisone shots and a full cast the length of his leg. The cast will remain on for six weeks, giving the cortisone shots time to dissolve the torn ligaments. If the injury is not completely healed after the six weeks, then he will undergo surgery.

How much the injury will hurt the sophomore defensive lineman's chance of receiving a scholarship to a major university cannot be determined, he says. Surgery could certainly hurt his chances, but then there are a lot of successful football players playing with "banged-up" knees.

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Basketball players have varying styles

By LARRY EVERETT

Basketball techniques are as individual as the players on the Apache squad.

Five of Coach Randall Milstead's 18-man squad gave their techniques for playing their positions.

The five are sophomore forward Ray Quinney, freshman Wendell Mays, freshman Melvin Smith, sophomore guard George Walker and sophomore Bruce "Bones" Williams.

Quinney, 6-5, says he likes "to block out the defensive man, get in front of him and have self-possession at the right time." He added, if an opponent is bigger than he, Quinney uses his body power and weight to block him out.

Quinney, averaging eight points a game as a college freshman, played high school ball at Alexander High School in Alexandria, La.

As a sophomore in high school, he made All-State in basketball.

Then he made All-District and most valuable player as a senior. The All-Around athlete made All-District in football and All-District four years in track. He has played basketball since the seventh grade.

Mays, 6-7, from Fort Worth Paschal High School, plays forward and center. He likes to "screen out a man, fake sometimes and go straight to the bucket."

Mays says he doesn't handle the ball much until he is about 10 or 15 feet from the goal. Wendell played center at Paschal where he received All-American, All-State, All-District and All-City honors.

He likes to play basketball because "it's fast and exciting."

Smith, 6-6, of San Antonio Jay High School, says he plays a decoy type of ball and "screens the man out."

He tries to take advantage of the defensive man by catching him off guard. He plays center and forward.

Smith transferred too late to his high school to earn honors, but won the Senior One-on-One championship.

Smith has played basketball about 10 years.

Guard-Walker said, "Since I handle the ball a lot, I like to be quick, use a lot of fakes and try to know where the defensive man is before I go straight to the basket."

He thinks keeping control of his body is vital to his success.

Walker graduated from Houston Yates High School. His honors were All-American, All-District, All-Houston and All-Great City.

Walker also says he has played ball about 10 years. He likes the game because "it's thrilling and I need something to do with my spare time."

He also filled his spare time in high school with football and baseball.

"Bones" Williams says he doesn't have one certain technique for playing. He "just plays and tries to look the offense over while dribbling." He tries "to keep the defense guessing."

The 6-3 sophomore graduated from San Antonio Edgewood High School. There he played forward and made All-State, All-District and All-City.

"I've played basketball about 10 years," says Williams, "and the best thing I have learned is to keep the ball low and do not turn your back on the defensive player."

Milstead says his team will play "a lot of tough teams and will be well-tested by Christmas." The Tribe opens home play Dec. 2 against Centenary Junior Varsity.

Despite players' individual techniques, Milstead says the team runs simple plays. "We run on ball handling, agility and shooting half-court offense. And we scrimmage a lot."

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